

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--------------------------------|--|------------------|---------|---------------------|
| L7 | 1499906 | display\$4 stent\$1 with heart | US-PGPUB; USPAT | OR | OFF | 2009/09/30 13:54 |
| L8 | 18 | display\$4 stent\$1 with heart | US-PGPUB; USPAT | WITH | OFF | 2009/09/30 13:54 |
| S1 | 0 | "2002077547" | US-PGPUB; USPAT | OR | OFF | 2009/01/15 15:16 |
| S2 | 1 | "20020077547" | US-PGPUB; USPAT | OR | OFF | 2009/01/15 15:16 |
| S3 | 1 | "20040170251" | US-PGPUB; USPAT | OR | OFF | 2009/01/15 15:23 |
| S4 | 1 | "20050025347" | US-PGPUB; USPAT | OR | OFF | 2009/01/15 15:24 |
| S5 | 0 | WO-199725923-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:04 |
| S6 | 0 | WO-970025923-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:06 |
| S7 | 0 | WO-2003059166-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:06 |
| S8 | 0 | WO-20030059166-\$. did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:06 |
| S9 | 5 | "2005025347" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:07 |
| S10 | 2 | "2004170251" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:08 |

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| S11 | 4 | "2002077547" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 18:08 |
| S12 | 0 | (imag\$5 and control with identification code adjuvant) and (bar code scann\$4 and high energy image\$1) and (display\$4 stent and contrast agent with region) | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:23 |
| S13 | 20 | (imag\$5 and control and identification code adjuvant) and (bar code scann\$4 and high energy image\$1) and (display\$4 stent and contrast agent) | US-PGPUB; USPAT; EPO; DERWENT | AND | OFF | 2009/01/16 18:23 |
| S14 | 109 | ((MICHAEL) near2 (MASCHKE)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/01/16 18:24 |
| S15 | 84 | (x ray and control\$4 and insert\$5 stent arter \$4) and (bar code scann \$4 and high energy image\$1) and (display \$4 stent and contrast agent) | US-PGPUB; USPAT; EPO; DERWENT | AND | OFF | 2009/01/16 18:29 |
| S16 | 22 | (x ray imag\$5 and control\$4 unit) and (angiography and stent arter\$4) and (bar code scann\$4 input) and (display\$4 stent and contrast agent) | US-PGPUB; USPAT; EPO; DERWENT | AND | OFF | 2009/01/16 18:32 |
| S17 | 126 | (x ray imag\$4 with implant\$4 stent with heart) | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:33 |
| S18 | 22 | S17 and bar code scan \$4 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:34 |
| S19 | 99 | S17 and contrast agent | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:35 |
| S20 | 74 | S19 and display\$4 stent | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:35 |
| S21 | 1110586 | stor\$4 memor\$4 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:35 |
| S22 | 34 | S20 and stor\$4 memor \$4 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:36 |

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| S23 | 0 | (x ray angiograph\$4 and insert\$4 stent with balloon catheter) and (bar code scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:45 |
| S24 | 1 | (x ray angiograph\$4 and insert\$4 stent and catheter) and (bar code scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:45 |
| S25 | 587326 | (x ray angiograph\$4 and insert\$4 stent and catheter) and (bar code scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 18:46 |
| S26 | 3 | 600/332.ccls. and (x ray angiograph\$4 and insert\$4 stent and catheter) and (bar code scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 18:46 |
| S27 | 41 | 600/423.ccls. and (x ray angiograph\$4 and insert\$4 stent and catheter) and (bar code scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 18:47 |
| S28 | 11 | "588036" | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:52 |
| S29 | 6 | "5588036" | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:52 |
| S30 | 7 | "5737386" | US-PGPUB; USPAT | AND | OFF | 2009/01/16 18:54 |
| S31 | 94 | "5986662" | US-PGPUB; USPAT | OR | OFF | 2009/01/16 18:55 |
| S32 | 16 | "6219059" | US-PGPUB; USPAT | OR | OFF | 2009/01/16 18:58 |
| S33 | 0 | x ray detecor and x ray radiat\$4 and stent adjuvant contrast agent and bar code scanne\$2 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:04 |
| S34 | 0 | WO-970025923-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 19:07 |
| S35 | 0 | WO-025923-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/16 19:08 |

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| S36 | 23737 | x ray imag\$4 and identif \$4 code\$1 and control unit | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:11 |
| S37 | 7477 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:11 |
| S38 | 1351 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:11 |
| S39 | 1161 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:12 |
| S40 | 1044 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 and display\$4 adjuvant | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:12 |
| S41 | 7 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 and display\$4 adjuvant and displaying stent | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:13 |
| S42 | 871 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 and display\$4 adjuvant and display\$4 contrast agent | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:14 |
| S43 | 46 | x ray imag\$4 and identif \$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 and display\$4 adjuvant and display\$4 contrast agent and bar code scanner | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:14 |
| S44 | 0 | 424/9.4.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant) | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:19 |
| S45 | 392 | 424/9.4.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:19 |

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| S46 | 392 | 424/9.4.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant stent) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:20 |
| S47 | 130 | 424/9.4.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant stent) and (bar code scanner) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:20 |
| S48 | 0 | "250".ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant stent) and (bar code scanner) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:21 |
| S49 | 0 | 250/336.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input\$4 parameter\$1 and display\$4 adjuvant stent) and (bar code scanner) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:22 |
| S50 | 40 | 607/1.ccls. and (x ray imag\$4 and identif\$4 code\$1 adjuvant and control unit and input \$4 parameter\$1 and display\$4 adjuvant stent) and (bar code scanner) | US-PGPUB; USPAT | OR | OFF | 2009/01/16 19:22 |
| S51 | 1887 | x ray imag\$4 and angiography | US-PGPUB; USPAT | ADJ | OFF | 2009/01/16 19:24 |
| S53 | 24 | x ray imag\$4 and angiography and adjuvant and display\$5 | US-PGPUB; USPAT | ADJ | OFF | 2009/01/16 19:25 |
| S54 | 5 | x ray imag\$4 and angiography and display \$4 contrast agent | US-PGPUB; USPAT | ADJ | OFF | 2009/01/16 19:26 |
| S55 | 10 | x ray imag\$4 and angiography and display \$4 contrast agent with adjuvant | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:27 |

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| S56 | 8 | x ray imag\$4 radiat\$4 and angiography and display\$4 contrast agent with adjuvant | US-PGPUB; USPAT | AND | OFF | 2009/01/16 19:28 |
| S57 | 1 | x ray imag\$3 barcode scan\$6 stent\$5 and control\$5 and display\$5 contrast agent\$1 with stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:04 |
| S58 | 36 | x ray imag\$3 bar code scan\$6 stent\$5 and control\$5 and display\$5 contrast agent\$1 with stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:04 |
| S59 | 205 | x ray imag\$3 bar code scan\$6 stent\$5 and control\$5 and display\$5 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:05 |
| S60 | 1 | angiogr\$5 and scan\$3 stent\$3 with barcode | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:09 |
| S61 | 0 | angiogr\$5 and scan\$3 stent\$3 with bar code \$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:09 |
| S62 | 77 | angiogr\$5 and scan\$3 stent\$3 and bar code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:10 |
| S63 | 44 | angiogr\$5 and scan\$3 stent\$3 and bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:13 |
| S64 | 0 | 623/3.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | WITH | OFF | 2009/02/05 14:28 |
| S65 | 0 | 623/3.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:28 |
| S66 | 1660504 | 623/3.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | OR | OFF | 2009/02/05 14:28 |
| S67 | 1 | 623/3.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and x ray imag \$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:31 |
| S68 | 1 | 623/1.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and x ray imag \$3 | US-PGPUB; USPAT | WITH | OFF | 2009/02/05 14:31 |
| S69 | 4 | 623/1.1.ccls. and angiogr\$5 and scan\$3 stent\$3 and x ray imag \$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:31 |

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| S70 | 8 | 607/9.ccls. and angiogr \$5 and scan\$3 stent\$3 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:34 |
| S71 | 0 | 600/16.ccls. and scan \$3 stent\$3 bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:39 |
| S72 | 30 | angiogr\$5 and scan\$3 stent\$3 and x ray imag \$3 | US-PGPUB; USPAT | WITH | OFF | 2009/02/05 14:40 |
| S73 | 1 | scan\$3 stent\$3 with bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:41 |
| S74 | 1 | scan\$3 stent\$3 with bar code\$1 and x ray imag\$3 | US-PGPUB; USPAT | WITH | OFF | 2009/02/05 14:41 |
| S75 | 1 | scan\$3 stent\$3 and bar code\$1 and x ray imag \$3 | US-PGPUB; USPAT | WITH | OFF | 2009/02/05 14:42 |
| S76 | 192 | scan\$3 stent\$3 and bar code\$1 and x ray imag \$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:42 |
| S77 | 22 | scan\$3 stent\$3 and barcode\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:42 |
| S78 | 3 | comput\$4 assist\$4 stent \$3 with coronar\$4 and barcode\$1 and x ray imag\$3 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 14:51 |
| S79 | 12 | comput\$4 assist\$4 stent \$3 graft\$1 with identif \$5 code\$1 and coronar \$4 heart\$1 and x ray imag\$4 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 15:58 |
| S80 | 180 | comput\$4 assist\$4 stent \$3 graft\$1 and identif \$5 code\$1 and coronar \$4 heart\$1 and x ray imag\$4 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 15:59 |
| S81 | 2040 | x ray imag\$5 and source\$1 and control with identification code \$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:12 |
| S82 | 343 | x ray imag\$5 and source\$1 and control with identification code \$1 and barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:13 |
| S83 | 1 | x ray imag\$5 and source\$1 and control with identification code \$1 and barcode\$1 with stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:24 |

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| S84 | 8 | x ray imag\$5 and source\$1 and control with identification code \$1 and barcode\$1 and stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:24 |
| S85 | 7 | x ray imag\$5 and source\$1 and control with identification code \$1 and barcode\$1 and angiogra\$5 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:25 |
| S86 | 98 | x ray imag\$5 and source\$1 and control with identification code \$1 and barcode\$1 and heart | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:26 |
| S87 | 0 | barcode\$1 and identif \$4 stent\$1 | US-PGPUB; USPAT | ADJ | OFF | 2009/02/05 18:27 |
| S88 | 14 | barcode\$1 scanner and identif\$4 stent\$1 and x ray source\$1 and imag \$4 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:28 |
| S89 | 52 | x ray imag\$4 and angiography and adjuvant | US-PGPUB; USPAT | ADJ | OFF | 2009/02/05 18:30 |
| S90 | 1983 | control\$4 x ray imag\$4 and stor\$4 and memory and angiograph\$4 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:53 |
| S91 | 115 | control\$4 x ray imag\$4 and stor\$4 and memory and angiograph\$4 and stent code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:53 |
| S92 | 17 | control unit with x ray imag\$4 and stor\$4 and memory and angiograph\$4 and stent code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:54 |
| S93 | 48 | control unit with x ray imag\$4 and stor\$4 and memory and stent coronar\$4 | US-PGPUB; USPAT | AND | OFF | 2009/02/05 18:56 |
| S94 | 66 | "5749830" | US-PGPUB; USPAT | OR | OFF | 2009/07/20 15:55 |
| S95 | 757680 | bar code\$1 and adjuvant and imag\$4 | US-PGPUB; USPAT | OR | OFF | 2009/07/20 15:59 |
| S96 | 433 | bar code\$1 and adjuvant and imag\$4 | US-PGPUB; USPAT | ADJ | OFF | 2009/07/20 15:59 |
| S97 | 4 | bar code\$1 and adjuvant and imag\$4 and control unit | US-PGPUB; USPAT | ADJ | OFF | 2009/07/20 15:59 |

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| S98 | 431 | bar code\$1 and adjuvant and imag\$4 and control | US-PGPUB; USPAT | ADJ | OFF | 2009/07/20 16:00 |
| S99 | 2 | bar code\$1 and adjuvant and imag\$4 and control and stent | US-PGPUB; USPAT | ADJ | OFF | 2009/07/20 16:01 |
| S100 | 118 | ((MICHAEL) near2 (MASCHKE)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/20 16:05 |
| S101 | 78 | ((MICHAEL) near2 (MASCHKE)).INV. | EPO; JPO; DERWENT | OR | OFF | 2009/07/20 16:06 |
| S102 | 67 | "5749830" | US-PGPUB; USPAT | AND | OFF | 2009/08/02 15:19 |
| S103 | 2 | display\$4 stent with ray imag\$3 and bar code scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/02 15:25 |
| S104 | 0 | display\$4 stent with ray imag\$3 and bar code scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/08/02 15:26 |
| S105 | 3 | display\$4 stent with imag\$3 and bar code scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/08/02 15:26 |
| S106 | 3 | display\$4 stent with imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/08/02 15:26 |
| S107 | 10 | display\$4 stent with imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/02 15:27 |
| S108 | 23 | display\$4 stent and imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/02 15:28 |
| S109 | 28 | display\$4 adjuvant and imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/02 16:04 |
| S110 | 1346 | control\$4 identif\$4 and x ray imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/02 16:20 |
| S111 | 42 | control\$4 identif\$4 and x ray imag\$3 and barcode scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/08/02 16:20 |
| S112 | 52 | stent and barcode | US-PGPUB; USPAT | AND | OFF | 2009/08/03 15:58 |
| S113 | 0 | 600/500-528.ccls. and stent and barcode | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:00 |
| S114 | 0 | 600/500-528.ccls. and display\$4 stent\$4 and imag\$4 and control\$4 and adjuvant | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:01 |
| S115 | 1045 | display\$4 stent\$4 and imag\$4 and control\$4 and adjuvant | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:01 |

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| S116 | 611 | display\$4 stent\$4 and imag\$4 and control\$4 and adjuvant and identif \$5 code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:02 |
| S117 | 500 | display\$4 stent\$4 and imag\$4 and control\$4 and adjuvant and identif \$5 code\$1 and contrast agent | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:02 |
| S118 | 42 | display\$4 stent\$4 and imag\$4 and control\$4 and adjuvant and identif \$5 code\$1 and contrast agent and scanner | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:03 |
| S119 | 195 | display\$4 stent\$4 and imag\$4 and control\$4 and identif\$5 code\$1 and contrast agent and scanner | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:04 |
| S120 | 66 | display\$4 stent\$4 and imag\$4 and control\$4 and identif\$5 code\$1 and hear surg\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:07 |
| S121 | 994 | display\$4 stent\$4 and imag\$4 and control\$4 and identif\$5 code\$1 and heart surg\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:07 |
| S122 | 664 | display\$4 stent\$4 and imag\$4 and control\$4 and identif\$5 code\$1 and heart surg\$4 and graft\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:08 |
| S123 | 238 | display\$4 stent\$4 and imag\$4 and control\$4 and identif\$5 code\$1 and heart surg\$4 and graft\$4 and input\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:08 |
| S124 | 12 | display\$4 stent\$4 and imag\$4 and barcod\$4 and identif\$5 code\$1 and heart surg\$4 and graft\$4 and input\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/03 16:13 |
| S125 | 12 | display\$4 stent\$4 and imag\$4 and barcod\$4 and identif\$5 code\$1 and heart surg\$4 and graft\$4 and input\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:16 |
| S126 | 13 | display\$4 stent\$4 and imag\$4 and barcod\$4 and identif\$5 code\$1 and surg\$4 and graft\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:16 |

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| S127 | 14 | display\$4 stent\$4 and imag\$4 and barcod\$4 and identif\$5 code\$1 and graft\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:16 |
| S128 | 0 | display\$4 graft44 and imag\$4 and identif\$5 code\$1 adjuvant with barcode\$1and graft\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:18 |
| S129 | 0 | display\$4 graft44 and imag\$4 and identif\$5 adjuvant with barcode \$1and graft\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:18 |
| S130 | 0 | display\$4 graft44 and imag\$4 and identif\$5 adjuvant with barcode \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:18 |
| S131 | 0 | display\$4 graft44 and imag\$4 and identif\$5 with barcode\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:18 |
| S132 | 48 | display\$4 graft\$4 and imag\$4 and identif\$5 with barcode\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/03 16:18 |
| S133 | 0 | display\$4 graft\$4 and imag\$4 and identif\$5 with barcode\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | WITH | OFF | 2009/08/03 16:21 |
| S134 | 1837351 | imag\$4 unit and control \$4 and identif\$4 code \$1 with barcode\$1 ans stent\$1 | US-PGPUB; USPAT | OR | OFF | 2009/08/16 15:42 |
| S135 | 0 | imag\$4 unit and control \$4 and identif\$4 code \$1 with barcode\$1 ans stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:42 |
| S136 | 12 | imag\$4 unit and control \$4 and identif\$4 code \$1 with barcode\$1 and stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:43 |
| S137 | 0 | 600/400-545.ccls. and imag\$4 unit and control \$4 and identif\$4 code \$1 with barcode\$1 and stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:48 |

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| S138 | 0 | 600/400-545.ccls. and imag\$4 unit and control \$4 and identif\$4 code \$1 and barcode\$1 and stent\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:48 |
| S139 | 3463 | control\$4 x ray imag\$4 and identif\$4 stent\$1 or contrast med\$4 with barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:49 |
| S140 | 2 | control\$4 x ray imag\$4 and identif\$4 stent\$1 with barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 15:49 |
| S141 | 33 | control\$4 x ray imag\$4 and stent with identif\$4 code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 16:46 |
| S142 | 5 | graft\$4 with identif\$4 code\$1 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 16:56 |
| S143 | 935 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 16:59 |
| S144 | 0 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/08/16 16:59 |
| S145 | 662 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and imag\$4 unit\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 16:59 |
| S146 | 642 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and imag\$4 unit\$1 and control\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:00 |
| S147 | 642 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:00 |
| S148 | 304 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 energ \$3 image\$1 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:01 |
| S149 | 0 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 energ \$3 image\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/08/16 17:01 |

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| S150 | 0 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 energ \$3 image\$1 and display \$4 contrat\$1 concentration | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:02 |
| S151 | 129 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 energ \$3 image\$1 and display \$4 contrast\$1 concentration | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:02 |
| S152 | 13 | 600/300-480.ccls. and contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:16 |
| S153 | 4 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 energ \$3 image\$1 and display \$4 contrast\$1 concentration and x ray image\$4 unit and stent | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:20 |
| S154 | 4 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 image \$1 and display\$4 contrast\$1 concentration and x ray image\$4 unit and stent | US-PGPUB; USPAT | AND | OFF | 2009/08/16 17:25 |
| S155 | 7 | contrast medi\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 imag\$4 unit \$1 and control\$4 image \$1 and display\$4 contrast\$1 concentration and x ray image\$4 unit and graft \$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/16 17:25 |

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| S156 | 3 | graft\$4 with identif\$4 code\$1 and barcode scan\$4 and control\$4 image\$1 and display\$4 contrast\$1 concentration and x ray image\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/16 17:27 |
| S157 | 203 | input\$4 identification code\$1 of adjuvant and control unit and control energ\$4 image\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/08/16 17:33 |
| S158 | 2440641 | scan\$4 dye with code \$1 and control\$4 imag \$4 parameter\$1 | US-PGPUB; USPAT | OR | OFF | 2009/09/11 19:44 |
| S159 | 0 | scan\$4 dye with code \$1 and control\$4 imag \$4 parameter\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:45 |
| S160 | 18 | dye with code\$1 and control\$4 imag\$4 parameter\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:45 |
| S161 | 199 | (administer\$4 or inject \$4 dye with identif\$4 code\$1) and control\$4 imag\$4 energ\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:47 |
| S162 | 199 | ((administer\$4 or inject \$4 dye with identif\$4 code\$1) and (control\$4 imag\$4 energ\$4)) | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:48 |
| S163 | 33133 | ((administer\$4 or inject \$4 dye with identif\$4 code\$1) and (control\$4 imag\$4 energ\$4)) | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:48 |
| S164 | 145 | ((administer\$4 or inject \$4 dye with identif\$4 code\$1) and (control\$4 imag\$4 energ\$4)) and scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:48 |
| S165 | 0 | ((((administer\$4 or inject \$4) dye with identif\$4 code\$1) and (control\$4 imag\$4 energ\$4)) and scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:51 |
| S166 | 2 | ((((administer\$4 or inject \$4) agent\$1 with identif \$4 code\$1) and (control \$4 imag\$4 energ\$4)) and scan\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 19:51 |

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| S167 | 5917 | ((administer\$4 or inject \$4) agent\$1 with identif \$4 code\$1) and (control \$4 imag\$4 energ\$4)) and scan\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:52 |
| S168 | 2 | ((administer\$4 or inject \$4) agent\$1 with identif \$4 code\$1) with (control\$4 imag\$4 energ\$4)) | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:52 |
| S169 | 3 | ((administer\$4 or inject \$4) agent\$1 with identif \$4 code\$1) with (control\$4 imag\$4)) | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:52 |
| S170 | 12 | read\$4 contrast agent \$1 with barcode\$1 and adjust\$4 imag\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:54 |
| S171 | 1581 | read\$4 contrast agent \$1 and barcode\$1 and adjust\$4 imag\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:58 |
| S172 | 712 | read\$4 contrast agent \$1 and barcode\$1 and adjust\$4 imag\$4 with identif\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:58 |
| S173 | 11 | read\$4 contrast agent \$1 and barcode\$1 and adjust\$4 imag\$4 with identif\$4 stent | US-PGPUB; USPAT | AND | OFF | 2009/09/11 19:59 |
| S174 | 57 | adjust\$4 imag\$4 paramet\$4 with stent \$4 identif\$4 code\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:01 |
| S175 | 1 | adjust\$4 imag\$4 paramet\$4 with scan\$4 stent\$4 with code\$3 scann\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:06 |
| S176 | 9 | adjust\$4 imag\$4 paramet\$4 and scan\$4 stent\$4 with code\$3 scann\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:06 |
| S177 | 11 | adjust\$4 imag\$4 and scan\$4 stent\$4 with code\$3 scann\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:07 |
| S178 | 0 | adjust\$4 imag\$4 with scan\$4 graft44 with code\$3 scann\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:08 |
| S179 | 2353 | adjust\$4 imag\$4 with barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/11 20:08 |
| S180 | 81 | adjust\$4 imag\$4 with barcode\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 20:08 |

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| S181 | 0 | (adjust\$4 imag\$4 energ\$4 with scan\$4 code\$1 (stent\$4 or graft or contrast agent or dye)) | US-PGPUB; USPAT | WITH | OFF | 2009/09/11 20:12 |
| S182 | 945 | (adjust\$4 imag\$4 energ\$4 with scan\$4 code\$1 (stent\$4 or graft or contrast agent or dye)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 20:12 |
| S183 | 35 | (adjust\$4 imag\$4 energ\$4 with scan\$4 code\$1 with (stent\$4 or graft or contrast agent or dye)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 20:12 |
| S184 | 7 | code\$4 stent\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/09/11 20:17 |
| S185 | 1 | code\$4 stent\$1 and scan\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/09/11 20:21 |
| S186 | 0 | control44 imag\$4 unit with scan\$5 ((dye or contrast med\$4 or contrast agent or adjuvant or stent\$1 or graft\$4)code\$1) | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:31 |
| S187 | 0 | control44 imag\$4 unit and scan\$5 ((dye or contrast med\$4 or contrast agent or adjuvant or stent\$1 or graft\$4)code\$1) | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:31 |
| S188 | 49358 | control\$4 imag\$4 unit and scan\$5 ((dye or contrast med\$4 or contrast agent or adjuvant or stent\$1 or graft\$4)code\$1) | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:31 |
| S189 | 5 | control\$4 imag\$4 unit and scan\$5 ((dye or contrast med\$4 or contrast agent or adjuvant or stent\$1 or graft\$4)code\$1) | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:32 |
| S190 | 8 | control\$4 imag\$4 unit and scan\$5 stent\$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:35 |
| S191 | 3 | scan\$5 stent\$4 with barcode\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:36 |

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| S192 | 7 | scan\$5 stent\$4 and barcode\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:36 |
| S193 | 103 | scan\$5 stent\$4 and barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:36 |
| S194 | 23236 | set\$4 imag\$4 parameter \$4 with identif\$4 code \$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:40 |
| S195 | 46 | set\$4 imag\$4 parameter \$4 with identif\$4 code \$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:40 |
| S196 | 0 | control\$4 imag\$4 devic \$3 with identif\$4 code \$1 and display\$4 stent \$4 | US-PGPUB; USPAT | WITH | OFF | 2009/09/14 11:42 |
| S197 | 280 | control\$4 imag\$4 devic \$3 with identif\$4 code \$1 and display\$4 stent \$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:42 |
| S198 | 3530 | control\$4 imag\$4 devic \$3 with barcode\$1 scanner\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:49 |
| S199 | 136 | control\$4 imag\$4 devic \$3 with barcode\$1 scanner\$1 and sten\$5 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:49 |
| S200 | 236 | control\$4 imag\$4 devic \$3 and barcode\$1 scanner\$1 and sten\$5 | US-PGPUB; USPAT | AND | OFF | 2009/09/14 11:51 |
| S201 | 0 | angiograph\$4 and insert \$4 stent with balloon catheter and (barcode scann\$4 and identif\$4 adjuvant) | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:14 |
| S202 | 2 | barcode\$1 scanner\$1 with inject\$4 dye and imag\$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:15 |
| S203 | 82 | barcode\$1 scan\$4 with inject\$4 dye and imag \$4 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:15 |
| S204 | 21372 | scan\$4 inject\$4 dye and imag\$4 device\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:17 |
| S205 | 20774 | scan\$4 inject\$4 dye and control\$5 imag\$4 device\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:17 |
| S206 | 1 | scan\$4 inject\$4 dye and control\$5 imag\$4 device\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/29 23:18 |
| S207 | 0 | display\$4 stent\$1 with contrast agent and barcode\$1 | US-PGPUB; USPAT | WITH | OFF | 2009/09/29 23:18 |

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| S208 | 3 | display\$4 stent\$1 with contrast agent and barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:18 |
| S209 | 30 | display\$4 stent\$1 and contrast agent and barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:19 |
| S210 | 32 | stent\$1 and contrast agent and barcode\$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:20 |
| S211 | 268 | input\$4 identification code of graft\$4 and control\$4 imag\$4 device \$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:23 |
| S212 | 97 | input\$4 identification code of steno\$4 and control\$4 imag\$4 device \$1 | US-PGPUB; USPAT | AND | OFF | 2009/09/29 23:26 |

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